CLAIMS

1. An information processing apparatus comprising: a first device; and a second device connected to the first device in an attachable/detachable or fixed manner,

the first device comprising:

first communication means for communicating with fifth communication means of an external communication device;

second communication means for communicating with the second device; and

a first control section for controlling processing in the first communication means, the second communication means, and the first device,

the second device comprising:

third communication means for communicating with the second communication means;

fourth communication means for communicating with sixth communication means of the communication device or a communication device which is different from the communication device; and

a second control section for controlling processing in the third communication means, the fourth communication means, and the second device.

2. The information processing apparatus according to claim 1, wherein on receiving a third process command from the first communication means, the first control section sends the third process command or a command corresponding to the process command to the third communication means via the second communication means,

the second control section once holds a response to the command received via the third communication means, processes a first process request received via the fourth communication means, and sends a second process request which is the held response to the second communication means via the third communication means in a case where a new process is required in processing the first process request, and

the first control section processes the second process request received via the second communication means, and sends the process response to the third communication means via the second communication means.

3. The information processing apparatus according to claim 1, wherein the first device comprises output means for outputting information,

on receiving a third process command from the first communication means, the first control section sends the third process command or a command corresponding to the

process command to the third communication means via the second communication means,

the second control section once holds a response to a command received via the third communication means, processes the first process request received via the fourth communication means, and sends information produced as a result of the processing of the first process request as the held response to the second communication means via the third communication means, and

the first control section sends the information received via the second communication means to the output means.

4. The information processing apparatus according to claim 1, wherein the first device comprises output means for outputting information,

on receiving a third process command from the first communication means, the first control section sends the third process command or a command corresponding to the process command to the third communication means via the second communication means,

the second control section once holds a response to the command received via the third communication means, processes a first process request received via the fourth communication means, and sends additional information added

to the first process request as the held response to the second communication means via the third communication means, when the processing of the first process request is completed, and

the first control section sends the additional information received via the second communication means to the output means.

5. The information processing apparatus according to claim 1, wherein the first communication means performs communication in a communication system which does not have any directivity, and

the fourth communication means performs communication in a communication system having the directivity or by a point-blank range.

6. An information processing apparatus comprising: a first device; and a second device connected to the first device in an attachable/detachable or fixed manner,

the first device comprising:

a communication section which communicates with an external communication terminal;

first communication means for detecting the communication of the communication section;

second communication means for communicating with

the second device; and

a first control section which performs the communication section, the first communication means, the second communication means, and control of a process in the first device,

the second device comprising:

third communication means for communicating with the second communication means;

fourth communication means for communicating with the communication terminal via the communication section; and

a second control section which performs the third communication means, the fourth communication means, and control of a process in the second device.

7. The information processing apparatus according to claim 6, wherein in the first device, the communication section receives a first process request from the communication terminal,

the first communication means detects the reception, and the first control section sends a third process command to the third communication means via the second communication means,

in the second device, the second control section once holds a response to the third process command received

via the third communication means,

the fourth communication means receives the first process request via the communication section,

the second control section processes the first process request received via the fourth communication means, and sends a second process request which is the held response to the second communication means via the third communication means in a case where a new process is required in processing the first process request, and

the first control section processes the second process request received via the second communication means, and sends the process response to the third communication means via the second communication means.

8. The information processing apparatus according to claim 6, wherein the first device comprises output means for outputting information,

in the first device, the communication section receives the first process request from the communication terminal,

the first communication means detects the reception, and the first control section sends a third process command to the third communication means via the second communication means,

in the second device, the second control section

once holds a response to the third process command received via the third communication means,

the fourth communication means receives the first process request via the communication section,

the second control section processes the first process request received via the fourth communication means, and sends information produced as a result of the processing of the first process request as the held response to the second communication means via the third communication means, and

the first control section sends the information received via the second communication means to the output means.

9. The information processing apparatus according to claim 6, wherein the first device comprises output means for outputting information,

in the first device, the communication section receives a first process request from a communication terminal,

the first communication means detects the reception, and the first control section sends the third process command to the third communication means via the second communication means,

in the second device, the second control section

once holds a response to the third process command received via the third communication means,

the fourth communication means receives the first process request via the communication section,

the second control section processes the first process request received via the fourth communication means, and sends additional information added to the first process request as the held response to the second communication means via the third communication means, when the processing of the first process request is completed, and

the first control section sends the additional information received via the second communication means to the output means.

10. The information processing apparatus according to claim 6, wherein the fourth communication means performs communication in a communication system having directivity or by a point-blank range.

11. The first device according to any one of claims 1 to 10.

12. The second device according to any one of claims 1 to 10.

13. A communication device which communicates with the information processing apparatus according to any one of claims 1 to 10, the communication device comprising:

fifth communication means for communicating with first communication means of the information processing apparatus; and

sixth communication means for communicating with fourth communication means of the information processing apparatus,

wherein the sixth communication means sends, to the fourth communication means, a first process request with respect to a second device of the information processing apparatus,

the fifth communication means sends, to the first communication means, a process command with respect to a first device of the information processing apparatus before sending the first process request, and

the process command is a process command to perform a process in cooperation with the processing of the first process request.

14. A communication device which communicates with an information processing apparatus comprising two or more communication means, the communication device comprising:

fifth communication means for communicating with

first communication means of the information processing apparatus; and

sixth communication means for communicating with fourth communication means of the information processing apparatus,

wherein the sixth communication means sends, to the fourth communication means, a first process request with respect to the information processing apparatus, and

the fifth communication means sends, to the first communication means, a process command to perform a process in cooperation with the processing of the first process request before sending the first process request.